



The Emerging Role of Non-ionizing Radiation in Biomedical Applications

Guest Editor:

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Deadline for manuscript submissions:

closed (31 August 2023)

Message from the Guest Editor

This Special Issue focuses on electromagnetic field applications in biomedical treatments and will include original articles on the molecular mechanisms of electromagnetic field applications that are useful for various therapies (e.g., cancer, neurodegenerative diseases and/or central nervous system affections, chronic inflammatory and metabolic pathologies, as well as heart arrhythmias) considering different cell types and tissues. Potential topics include, but are not limited to, molecular responses coming from intracellular targets, cell membranes, as well as stem cell compartments. New targets and emerging outcomes for novel therapies are other welcome subjects for this Special Issue.

Keywords

- electroporation
- transcranial magnetic stimulation
- direct current stimulation
- electroceutical
- electromagnetic field-based therapy
- bioelectromagnetic interactions





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Message from the Editor-in-Chief

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